

**Amendments to the Specification:****ABSTRACT OF THE DISCLOSURE**

~~In an~~ An RF receiver apparatus (31) that is provided physically separately from a cooperating baseband processor apparatus (32). The RF receiver includes a mixer circuit (33) and an analog IF-to-digital baseband converter (34) formed on an integrated circuit. The frequency plan options of the RF receiver apparatus can be enhanced by integrating into the RF receiver apparatus a suitably designed digital IF-to-baseband converter. Sampling frequencies of the analog IF-to-digital baseband converter are controlled by the RF receiver apparatus.